Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Betigute for form 1449A/PTO

FORMATION DISCLOSURE TATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

•	Complete if Known	
Application Number	09/905,423	1
Filing Date	07/13/2001	LOS AS
First Named Inventor	Patrick H. Hayes	100 10
Group Art Unit	2635	909
Examiner Name		36
Attorney Docket Number	81230.62US2	シノ

	U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	U.S. Patent Document Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear			
25		6,285,357	Kushiro et al.	09-04-2001				
13		6,278,499	Darbee et al.	08-21-2001				
4		6,130,726	Darbee et al.	10-10-2000				
18		6,040,829	Croy et al.	03-21-2000				
11		6,002,450	Darbee et al.	12-14-1999				
LB		5,901,366	Nakano et al.	05-04-1999				
45	İ	5,835,864	Diehl et al.	11-10-1998				
us		5,724,106	Autry et al.	03-03-1998				
45		5,710,605	Nelson	01-20-1998				
43		5,410,326	Goldstein	04-25-1995				
59		5,005,084	Skinner	04-02-1991				

	FOREIGN PATENT DOCUMENTS							
C	0:1-	Fore	eign Patent Do	ocument	Name of Patentee	Date of Publication of	Pages, Columns, Lines,	
Examiner Initials*	Cite No. ¹	Office ³	Number ⁴	Kind Code ⁵ (<i>if known</i>)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Τ ₆
								
		 	 					
······································		 						
· · · · · · · · · · · · · · · · · · ·								

Examiner Signature	2	~~	Date Considered	67. 25.03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number, ² See attached Kinds of U.S. Patent Documents, ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 2

Sheet

Complete if Known **Application Number** 09/905,423 07/13/2001 Filing Date First Named Inventor Patrick H. Hayes **Group Art Unit** 2635 **Examiner Name Attorney Docket Number** 81230.62US2

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
45		PRONTO User Guide, Universal Electronics Inc., 1999, pgs. 1-56	-
•			

Examiner Signature Date Considered	67.25.03
------------------------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

type a plus sign (+) inside this box	ᅩ
type a plus sign (+) inside this box	T

PTO/SB/08A (10-96)

Approved for use through 10/31/99, OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

	Complete if Known	
Application Number	09/905,423	D= -
Filing Date	07/13/2001	RECEIVED
First Named Inventor	Patrick H. Hayes	007.4
Group Art Unit	2635	001 17 2001
Examiner Name	T	
Attorney Docket Number	81230.62US2	echnology Center 2600

			U.S. PATENT DOCUM	MENTS	
Examiner Initials *	Cite No.1	U.S. Patent Document Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
45		6,256,019	Allport	07-03-2001	
, s		6,104,334	Allport	08-15-2000	
1.5		6,097,441	Allport	08-01-2000	
		-			
	-			··-	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Fore Office ³		ment (ind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
4 S	~	wo	00/40016		Eremote, Inc.	07-06-2000		-
4		wo	00/58935		Eremote, Inc.	10-05-2000		_
				ļ			•	
				<u> </u>				
		_						
1		I	1	1	l .	l	l	

Signature Considered	Examiner Signature	ha	M	Date Considered	07.25.07
----------------------	-----------------------	----	---	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Sheet

(use as many sheets as necessary)

of

Complete if Known					
Application Number	09/905,423				
Filing Date	07/13/2001				
First Named Inventor	Patrick H. Hayes				
Group Art Unit	2635				
Examiner Name					
Attorney Docket Number	81230.62US2				

	U.S. PATENT DOCUMENTS						
		U.S. Patent Document	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant		
Examiner Initials *	Cite No.1	Number Kind Code ²	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant		
		(if known)			RECEVE		
45		5,761,606	Wolzien	06-02-1998	TILOLIVLE		
45		5,671,267	August et al.	09-23-1997	1011 1 4 0000		
<u> 2</u> 5		5,648,760	Kumar	07-15-1997	JAN 1 4 2002		
65		5,574,964	Hamlin	11-12-1996			
45		5,307,055	Baskin et al.	04-26-1994	Technology Center 2		
45		4,894,789	Yee	01-16-1990			
		 		-			
		, ,			 		
		 					
		 					

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	For	eign Patent Do	ocument	Name of Patentee	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Office ³	Number⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ₆
	•							
		-	 					
								_

Examiner Signature	fre	M.	Date Considered	07. 28203

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Complete if Known				
Application Number	09/905.423			
Filing Date	07/13/2001			
First Named Inventor	Patrick H. Hayes			
	2635			
Examiner Name	unassigned			
Attorney Docket Number	81230.62US2			

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1 Number - Kind Code 2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	US-						
	US-						
	US-			Technology			
	US-			<u> </u>			
	US-			TAN I			
	US-			§ % Ö			
	US-			2 % H			
	US-			9 7			
	US-			VEI 2002 ter 2			
	US-			72 0			
	US-			26 D			
	US-			0			
	US-						
	US-						
	US-						
	US-						
	US-						
	US-						
	US-						
	US-						

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т ^в			
25		EP 0967797 A2	12-29-1999	Sharp Kabushiki	Kaisha				
		······································							
						\vdash			

_		0.0		
Examiner Signature	han	h	Date Considered	07.25.63

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)
Approved Se through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Oirice: U.S. DEPARTMENT OF COMMERCE

Heler the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known			
Application Number	09/905,423		
Filing Date	07/13/2001		
First Named Inventor	Patrick H. Hayes		
Art Unit *	2635		
Examiner Name			
Attorney Docket Number	81230.62US2		

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Pumber Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ZS	1	US- 6,496,927 B1	12/17/2002	McGrane et al.	-
2-5	1	US- 4,837,414	06/06/1989	Edamula	
		US-			RECEIVER
		US-			
		US-			MAY 1 8 2003
		US-			
		US-			Technology Center 253
		US-			A PARTITION OF A
		US-			
		US-			·
		US-			
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Office	Foreign Patent Do Number4	cument Kind (if knd		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
15	į	EP	0838768		A2	04/29/1998	Hewlett-Packard Company	-	
45		GB	2343073		A	04/26/2000	Sony United Kingdom Limited		
									
\vdash		-							\vdash

Examiner	Len 1-	Date	08 09 03	
Signature		Considered	08,05.03	/

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLÖSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known					
Application Number	09/905,423				
Filing Date	07/13/2001				
First Named Inventor	Patrick H. Hayes				
Art Unit	2635				
Examiner Name	not assigned				
Attorney Docket Number	81230 <u>.</u> 62US2				

			U.	S. PAT	ENT DOCUM	IENTS	ė .		
Examiner Initials	Cite No.1	Document Number Number Kind Code (if known)	Publication MM-DD-YY		Name of Patentee or Applicant of Cited Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
15		US- 6,584,496 BI 06/24/2003			Ludtke				
		US-							
		US-					DE	CEIVE	1
		US-					111		
		US-						JUL 1 5 2003	
		US-							
		US-					Technology Center 2600		
		US-					10011	lology ochlor L	
		US-					<u> </u>		
\longmapsto		US-					<u> </u>		
		US-							
		US-					+		
		US-				<u> </u>		· — · · · · · · · · · · · · · · · · · ·	
		US-					 		
		US-					 		
		US-					+		
		US-							
		US-					} 		
		US-					1		
			EOD	EIGN E	PATENT DOC	LIMENTS	<u></u>		
-		Foreign Patent Do		LIGIVE	AIENI DOC			Pages, Columns, Lines,	
Examiner Initials*	Cite No.1	Office ³ Number ⁴	Pul		olication Date M-DD-YYYY	Name of Paten Applicant of Cited [Where Relevant	Т6
								<u></u>	
									↓
ļ								ļ	4
├ ──									
-									
┕▃▃									
Examii Signat		hem	M			Date Considered	07	2.25,93	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.